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SPHENIX BIWEEKLY MEETING, 28 APRIL 2017

sPHENIX ROOT Style

NEED FOR A COMMON STYLE

- **Standard practice in ATLAS to override default ROOT gStyle**
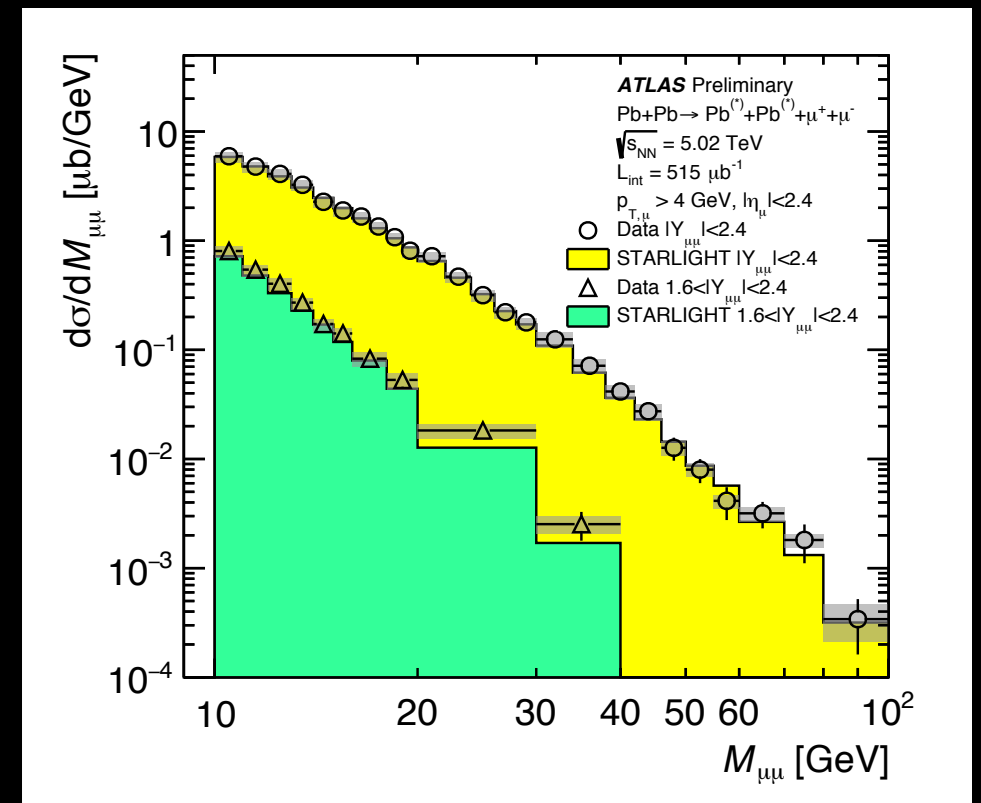 - Include AtlasStyle.[hC] in one's macro path
  - Load AtlasStyle.C(+)
  - Invoke SetAtlasStyle()
  - Good to go

- **Some basic features**
  - Standard font/sizes
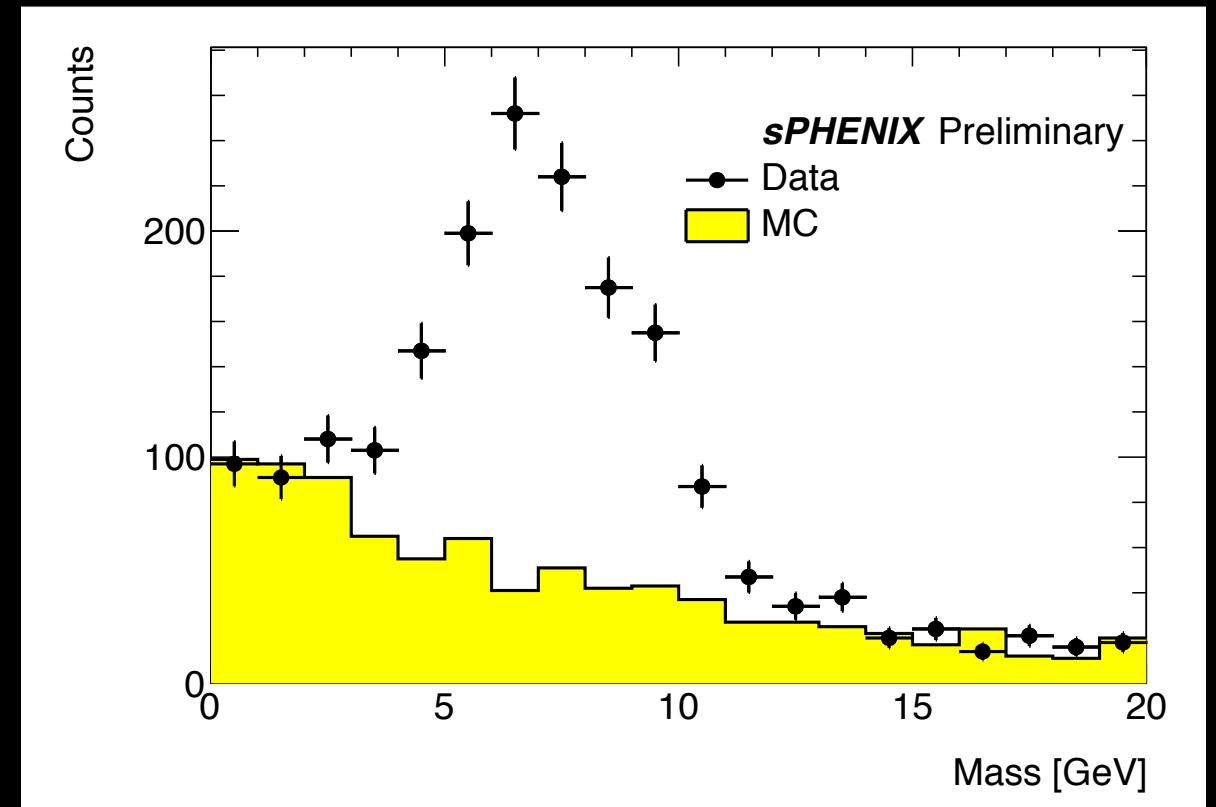 - Statistics/fit results disabled by default
  - Title disabled by default

- **Some policy decisions**
  - "*ATLAS* Preliminary" on every plot (once per set)
  - Requirements on units, axis titles
  - Agreement on how data and MC are represented, error bars/bands
  - General attention to details (no overlapping text, italic/roman rules)

FIRST DRAFT OF SPHENIX STYLE

- **Worked up sPhenixStyle.[hC]**
  - & test macro ⇒

  - Similar to ATLAS style, but added a few more specifics on legend format (since I always do this by hand!)

- **Any new requirements on basic format?**


```
root [0] gROOT->LoadMacro("sPhenixStyle.C+");SetsPhenixStyle()

Applying sPHENIX style settings...

root [1] .x test_style.C
Info in <TCanvas::Print>: pdf file test_style.pdf has been created
```